

ABSTRACT

A data processing system characterized in comprising:
a real-time interface driver which processes data of
a device which comprises an interface which is required
to ensure real-time processing during recording and/or
reproducing;

a non real-time interface driver which processes data
of a device which comprises an interface which is not required
to ensure real-time processing during recording and/or
reproducing;

an IFS manager which allocates instructions for
predetermined processing regarding a file system to each
one of control means which are to handle the instructions;

first control means which, using first file management
information with respect to data which are in a first medium
which is housed in the device which is required to ensure
said real-time processing, converts an instruction for said
predetermined processing inputted through said IFS manager
into a data processing instruction on said first medium
and sends to said real-time interface driver; and

second control means which, using second file
management information with respect to data which are in
a second medium which is housed in the device which is not
required to ensure said real-time processing, executes
processing for accessing to a file on said second medium

in accordance with the instruction for said predetermined processing inputted through said IFS manager and sends the instruction for said predetermined processing to said non real-time interface driver via an I/O sub system.

TOP SECRET//NOFORN